



20-09-2019

**Addendum No.1**  
**Ref: NCB/CA19-49/191065 (T)**

The following Addendum is issued to our Tender, under Reference No: **NCB/CA19-49/191065 (T)** to amend the Specifications.

**FOR:**

Si. No	Item Description	Qty
1	<p><b>Server</b></p> <ul style="list-style-type: none"> <li>➤ A computer node with 24 cores/48 threads, 512GB RAM and GPU cards</li> <li>➤ 2 nos processor with 12 Cores each with 2.1Ghz 27.5MB cache</li> <li>➤ 4x PCIe x 16 Gen3 connections</li> <li>➤ Memory: 512GB DDR4 2600Mhz speed per core</li> <li>➤ 1x 1GbE ethernet adapter</li> <li>➤ 1 x 256GB Enterprise Class Hot plug SAS Solid State drive</li> <li>➤ Seagate enterprise 4 Tb x 1</li> <li>➤ Supermicro superchasis Tower/4U rack mount</li> <li>➤ Redundant high efficiency Power Supplies Platinum Level</li> <li>➤ 4x 2080Ti 11GB Nvidia graphics cards (the cards should be interlinked for maximum performance with NVLink)</li> <li>➤ The entire solution should have 5 years warranty from the OEM</li> <li>➤ Any upgradation related to hardware and software within the warranty period should included in the scope of work (linux platform is preferred)</li> <li>➤ Initial installation of the software application should be scope of the work.</li> <li>➤ Alternative: Please quote Intel Optane 2TB RAM instead or addition to the memory mentioned above.</li> </ul>	1

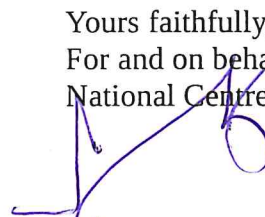
**READ:**

Si. No	Item Description	Qty
1	<p><b>Server</b></p> <ul style="list-style-type: none"> <li>➤ 4U rack mountable GPU workstation with 44 cores/88 threads</li> <li>➤ 2 nos scalable Intel processor with 22 Cores each with base frequency 2.10Ghz 30.25MB L3 cache</li> <li>➤ 6 nos. PCIe x16 Gen3 connections</li> <li>➤ Memory: 768GB balanced DDR4 2600Mhz speed</li> <li>➤ 1 no. 10G QSFP+ port and 7 meter Passive DAC cable along with transceiver</li> <li>➤ 1 No. Mellanox Connect X4 100G EDR HCA adapter single port and 5 meter passive DAC cable along with transceiver</li> <li>➤ 1 no. 1Gb/s Ethernet adapter</li> <li>➤ IRMC management port</li> <li>➤ 1 x 512GB Enterprise Class Hot plug SAS 12 Gb/ps Solid State drive</li> <li>➤ Redundant high efficiency Power (85+) Supplies Platinum Level</li> <li>➤ 4x RTX 2080Ti 11GB Nvidia graphics cards</li> <li>➤ The entire solution should have 5 years onsite warranty from the OEM</li> <li>➤ Any upgradation related to hardware and software within the</li> </ul>	1

	<p>warranty period should included in the scope of work (linux platform is preferred)</p> <ul style="list-style-type: none"><li>➤ Initial installation of the software application should be scope of the work.</li><li>➤ Optional: Please quote Intel Optane 2TB/4TB/6TB RAM separately with the base memory for this should be 256 GB</li></ul>	
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All other terms and conditions of the Tender Documents remains unaltered.

Yours faithfully,  
For and on behalf of  
National Centre for Biological Sciences,



Purchase Officer